Nitrate/Nitrite or Nitrate by Automated Cadmium Reduction
SM 18th and 21st Ed. 4500-NO_3^- F

Facility Name:_____VELAP ID_____

Assessor Name:_____Analyst Name:_____Inspection Date_____

Relevant Aspect of Standards	Method Reference	Y	N	N/A	Comments
Records Examined: SOP Number/ Revision/ Date _____ Analyst:_____ Sample ID: _____ Date of Sample Preparation:_____ Date of Analysis:_____					
1) If analyzing for Nitrite **OR** Nitrate, are samples preserved in the following manner: Nonpotable: ≤ 6°C, analyzed within 48 hours of collection Drinking water: ≤ 6°C, analyzed within 48 hours unless chlorinated, for which nitrate can be held up to 14 days	40 CFR 136.3 Table 1I, CFR 141.23 k(2), EPA 815-R-05-004				
2) If analyzing for Nitrate-Nitrite, are samples preserved to pH <2 with sulfuric acid, preserved by storing at ≤6°C, and analyzed within 28 days of collection?	40 CFR 136.3 Table 1I, 40CFR 141.23 (k)(2), EPA 815-R-05-004				
3) Were duplicates prepared with every batch of 20 or fewer samples?	SM21st Ed. 4020B.3.c, SM18th Ed. 1020B.6				
4) Were matrix spikes included at a frequency of at least one per batch of 20 samples?	SM21st Ed. 4020B.3.d, SM18th Ed. 1020B.6				
5) Were samples with turbidity filtered prior to analysis?	4500-NO_3^- F.1.b				
6) Were analyses conducted using a manifold with a 520nm filter?	4500- NO_3^- F.2				
7) Was at least one NO_2 standard compared to a NO_3 standard at the same concentration to verify reduction efficiency?	4500-NO_3^- F 3 k				
8) Were sample pHs tested and adjusted to be between 5 and 9 prior to analysis?	4500-NO_3^- F.4				
Notes/Comments:					